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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/787,376	02/26/2004	Daniel John Devine	2	4422

7590 04/20/2006  
Ryan, Mason & Lewis, LLP  
Suite 205  
1300 Post Road  
Fairfield, CT 06824

EXAMINER

VIDWAN, JASJIT S

ART UNIT	PAPER NUMBER
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2182

DATE MAILED: 04/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/787,376	<b>Applicant(s)</b> DEVINE, DANIEL JOHN	
	<b>Examiner</b> Jasjit S. Vidwan	<b>Art Unit</b> 2182	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 4/22/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

*Fritz Fleming*  
FRITZ FLEMING  
Supervisory PRIMARY EXAMINER  
GROUP 2100  
Au 2181  
4/14/06

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Specification***

1. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01. Background of the Invention includes a link to Universal Serial Bus (USB) specifications.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) The invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Salmonsens et al U.S. Publication no: 2004/0054689 [**herein after Salmonsens**].

4. **As per claim 1, 8 and 14**, Salmonsens teaches a controller [**Fig. 2, element 200 – Pg. 3, Paragraph 0033**] for high speed communications [**Page 2, Paragraph 0029, “High speed serial bus”**] between a host computer [**Fig. 3, element 342, “Computer”**] and at least one peripheral device [**Fig. 2, Element 202, “Device”**], comprising:

A processor for controlling communications on a bus using one or more communication functions [**Fig. 2, Element 214**], wherein said processor performs at least one function for said peripheral device in addition to said one or more communication functions [**Page 3, Paragraph 0033**]

5. **As per claims 2 and 15**, Salmonsens teaches a controller wherein said processor is integrated with said controller [**see Fig. 2, element 200, 214**].

6. **As per claims 3, 9 and 16**, Salmonsens teaches a controller wherein said processor provides processing capacity for use by said peripheral device in addition to processing of said one or more communication functions **[Page 3, Paragraph 0033]**.
7. **As per claims 4, 10 and 17**, Salmonsens teaches a controller wherein said at least one peripheral device employs said processor to perform each of said functions of said at least one peripheral device **[Page 3, Paragraph 0033]**.
8. **As per claims 5, 11 and 18**, Salmonsens teaches a controller wherein said high-speed communications conform to a USB standard **[Page 3, Paragraph 0035]**.
9. **As per claims 6, 12 and 19**, Salmonsens teaches a controller wherein said high-speed communications conform to an IEEE 1394 standard **[Page 2, Paragraph 0029, "IEEE-1394 high speed serial bus"]**.
10. **As per claims 7, 13 and 20**, Salmonsens teaches a controller wherein said high-speed communications conform to an IEEE 802.11 standard **[Page 15, Paragraph 0165, "Low cost wireless 802.11 (WIFI)"]**.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasjit S. Vidwan whose telephone number is (571) 272-7936. The examiner can normally be reached on 8am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KIM HUYNH can be reached on (571) 272-4147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2182

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JSV  
4/5/06

*Supervisory*  
*Fritz M. Fleming*  
FRITZ FLEMING  
PRIMARY EXAMINER  
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